



P.B.5818 - Patentlaan 2  
2280 HV Rijkel (ZH)  
T (070) 3 40 40  
FAX (070) 3 40 30 16

Europäisches  
Patentamt

European  
Patent Office

Office européen  
des brevets

Generaldirektion 1

Directorate General 1

Direction générale 1

Schorr, Frank Jürgen  
Diehl & Partner,  
Augustenstrasse 46  
80333 München  
ALLEMAGNE



**RECEIVED**

MAY 01 2006

**OFFICE OF PETITIONS**

EPO Customer Services

Tel.: +31 (0)70 340 45 00

Date  
30.03.06

Reference L9374-EP	Application No./Patent No. 04000129.9 - 2301
Applicant/Proprietor LG ELECTRONICS INC.	

### COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report (under R. 44 or R. 45 EPC) for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division :

☒ Abstract ☒ Title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract : 5

### Refund of search fee

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 06, 31 July 1995 (1995-07-31) -& JP 07 071789 A (MITSUBISHI ELECTRIC CORP), 17 March 1995 (1995-03-17) * paragraph [0014] - paragraph [0018]; figures 1-3 *	1-21	F24F12/00 F24F1/00
A	----- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07, 29 September 2000 (2000-09-29) -& JP 2000 104942 A (SHIMIZU CORP), 11 April 2000 (2000-04-11) * abstract *	1-21	<div style="text-align: center;"> <b>RECEIVED</b>  MAY 01 2006   <b>OFFICE OF PETITIONS</b> </div>
A	----- PATENT ABSTRACTS OF JAPAN vol. 1996, no. 11, 29 November 1996 (1996-11-29) -& JP 08 178349 A (DAIKIN IND LTD), 12 July 1996 (1996-07-12) * abstract *	1	
A	----- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25, 12 April 2001 (2001-04-12) -& JP 2001 227772 A (MITSUBISHI HEAVY IND LTD), 24 August 2001 (2001-08-24) * abstract *	1	
A	----- PATENT ABSTRACTS OF JAPAN vol. 017, no. 465 (M-1468), 25 August 1993 (1993-08-25) -& JP 05 106865 A (MITSUBISHI ELECTRIC CORP), 27 April 1993 (1993-04-27) * abstract *	1	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 21 March 2006	Examiner Gonzalez-Granda, C
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 00 0129

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

21-03-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 07071789	A	17-03-1995	JP 7101116 B	01-11-1995
JP 2000104942	A	11-04-2000	NONE	
JP 08178349	A	12-07-1996	NONE	
JP 2001227772	A	24-08-2001	NONE	
JP 05106865	A	27-04-1993	JP 2677079 B2	17-11-1997

**RECEIVED**

MAY 01 2006

**OFFICE OF PETITIONS**